

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

APR 26 2001

APPLICANT

AOJI ISONO ET AL.

FILING DATE

December 13, 2000

GROUP

2673  
Not Yet Known

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,904,895	02/27/90	Tsukomoto et al.	313	336	
	5,066,883	11/19/91	Yoshioka et al.	313	309	
	3,569,974	11/29/96	Morikawa et al.	313	310	
	5,682,085	10/28/97	Suzuki et al.	315	169.1	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP 3055738	03/11/91	JAPAN	HO1J	001/30	ABSTRACT
	JP 4028137	01/30/92	JAPAN	HO1J	001/30	ABSTRACT
	JP 2257551	10/18/90	JAPAN	HO1J	031/15	ABSTRACT
	JP 1031332	02/01/89	JAPAN	HO1J	001/20	ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	"Electrical Conduction And Electron Emission of Discontinuous Thin Films", G. Dittmer, Thin Film Solids, 9 (1972), pp. 317-328.
	"Electroforming and Electron Emission of Carbon Thin Films", Hisashi Asaki et al., Vacuum, Vol. 26, No. 1, pp. 22-29 (1983).
	"Strong Election Emission From Patterned Tin-Indium Oxide Thin Films", M. Hartwell et al., International Electron Devices Meeting, Washington DC (1975) pp. 519-521.
	"The Emission of Hot Electrons and The Field Emission of Electrons From Tin Oxide", M. I. Elinson et al., Radio Engineering and Electronic Physics, July 1965, pp. 1290-1296.
EXAMINER: Prabodh Dheria	DATE CONSIDERED 11/14/2003.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

APPLICANT

AOJI ISONO ET AL.

FILING DATE

December 13, 2000

GROUP

A42673.  
Not Yet Known


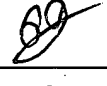

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

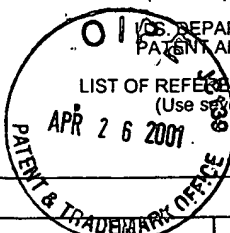

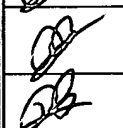
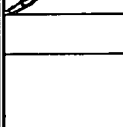
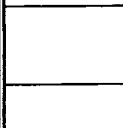
## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	—	"Field Emission", W.P. Dyke et al., Advances In Electronics and Electron Physics, (1956), pp. 89-185.
	—	"Physical Properties of Thin-Film Field Emission Cathodes With Molybdenum Cones", J. Appl. Phys., 47,5248 (1976), pp. 5248-5263.
	—	"Operation of Tunnel-Emission Devices". C.A.Mead, J. Appl. Phys., vol. 32, Number 4, April 1961, pp.646-652
EXAMINER	Prabodh Dhar	DATE CONSIDERED 11/14/2003.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)		ATTY DOCKET NO. <b>862.C1692</b>		APPLICATION NO. <b>09/719,523</b>			
<div style="text-align: center;">  <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)</p> </div>		APPLICANT <b>AOJI ISONO ET AL.</b>					
		FILING DATE <b>December 13, 2000</b>		GROUP <b>Au 2673</b> <b>NYA</b>			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JPA	60-216387	4/12/84	Japan	G09G	3/12	No
	JPA	11-167366	6/22/99	Japan	G09G	3/20	Abstract
	JPA	10-172479	6/26/98	Japan	G09G	3/26	Abstract
	JPA	63-304228	12/12/88	Japan	G02F	3/22	Abstract
	JPA	03048889	1/3/91	Japan	G09G	3/36	Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <b>Prabodh Dharic</b>				DATE CONSIDERED <b>11/14/2003.</b>			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 4

862.C1692

09/719,523

APPLICANT

AOJI ISONO ET AL.

FILING DATE

December 13, 2000

GROUP

Au 2673.  
NYA

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JPA	04204993A	7/27/92	Japan	G09G	3/36	Abstract
	JPA	62-206589	9/11/87	Japan	G09G	3/22	No
	JPA	02273720	8/11/90	Japan	G02F	1/133	Abstract
	JPA	4-107293	9/16/92	Japan	G09G	3/12	YES. No
	JPA	02272490	7/11/90	Japan	G09G	3/36	Abstract

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Prabodh Dheria.

DATE CONSIDERED

11/14/2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)		ATTY DOCKET NO. 00862.021692.		APPLICATION NO. 09/719,523	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT AOJI ISONO ET AL.			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE March 29, 2001		GROUP 2673	
U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5,754,148	05/19/98	Kishino et al.	345	74
<i>[Signature]</i>	5,721,560	02/24/98	Cathey, Jr. et al.	345	74
<i>[Signature]</i>	5,578,906	11/26/96	Smith	315	169.3
					RECEIVED
					JUN 11 2002
					Technology Center 2600
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>[Signature]</i>	0 707 301 A1	04/17/96	EPO		Yes
<i>[Signature]</i>	WO 96/15519	05/23/96	WIPO		Abstr.
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
EXAMINER <i>Prabodh Dharic</i>					
DATE CONSIDERED <i>11/14/03</i>					